

#### ABSTRACT OF THE DISCLOSURE

Images for adjustment are projected onto an image display section 12 by image projecting sections 11-1, 11-2 for a left eye and a right eye. The image projecting sections 11-1, 11-2 are disposed such that projected image display ranges for the left eye and the right eye are substantially superposed. First, image projection at the image projecting section 11-2, which is one of the image projecting sections for the left eye and the right eye, is stopped, and one image for adjustment which is projected onto the image display section 12 is picked-up by a pick-up section 13 for correction. Next, image projection by the image projecting section 11-2, at which projection had been stopped until then, is started, and a new image for adjustment projected on the image display section 12 is picked-up by the pick-up section 13 for correction. After pick-up has been completed, obtained image data is sent to a correction computation section 14 where, on the basis of the image data, computation is carried out to generate correction data for geometric distortion and positional offset. The correction data is sent to a correction processing section 15 where, on the basis of the correction data, correction processing is carried out on left and right inputted image signals.